U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Attorney Docket No. 500.33045CC3 UTILITY First Inventor PATENT APPLICATION TRANSMITTAL SEMICONDUCTOR MEMORY DEVICE (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. Assistant Commissioner for Patents **APPLICATION ELEMENTS** Box Patent Application ADDRESS TO: Washington, DC 20231 SEE MPEP chapter 600 concerning utility patent application contents 1. 🖂 Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission Applicant claims small entity status. fif_applicable, all necessary) See 37 CFR 1.27. Computer Readable Form (CRF) 3. X b. Specification Sequence Listing on: Specification [Total Pages: 50] i. . D CD-ROM or CD-R (2 copies); or -Descriptive title of the invention -Cross Reference to Related Applications ii. . D paper -Statement Regarding Fed sponsored R & D -Reference to sequence listing, a table, c. Statements verifying identity of above copies or a computer program listing appendix -Background of the Invention -Brief Summary of the Invention ACCOMPANYING APPLICATION PARTS -Brief Description of the Drawings (if filed) -Detailed Description 9. Assignment Papers (cover sheet & documents(s)) -Claim(s) -Abstract of the Disclosure 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee) 4. 🛛 Drawing(s) (35 U.S.C. 113) [Total Pages: 14] English Translation Document (if applicable) 5. Oath or Declaration [Total Pages: 3] Information Disclosure Copies of IDS Citations Newly executed (original or copy) Statement (IDS)/PTO-1449 b. . Copy from a prior application (37 CFR 1.63 (d)) Preliminary Amendment (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) (Should be specifically itemized) **DELETION OF INVENTOR(S)** Certified Copy of Priority Document(s) Signed statement attached deleting inventor(s) (if foreign priority is claimed) Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b) Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 Application Data Sheet. See 37 CFR 1.76 or its equivalent. Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: 09/893,980 Prior application information: Examiner: Long K. Tran Group Art Unit: 2818 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS 020457 or Correspondence address below Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) Name ANTONELLI, TERRY, STOUT & KRAUS, LLP 1300 North 17th Street Address Suite 1800 Zip City State **VA** 22209 Code Country Telephone (703) 312-6600 Fax (703) 312-6666 Registration No. (Attorney/Agent) Name David C. Ore 38,694

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Date

July 25, 2003

Signature

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FEE TRANSMITTAL		Complete if I				f Known		
	· I	Application Number				_	. <u> </u>	
₹ for FY 2003	ı	Filing Date				July 25, 2003		
101 F 1 2003	- 1	First Named Inventor				H. MIURA et al.		
Effective 01/01/2003. Patent fees are subject to annual revi	ision.	Examiner of Parent				Long K. Tran		
Applicant claims small entity status. See 37 CFR 1.27		Art Group of Parent				2818		
TOTAL AMOUNT OF PAYMENT (\$) 1,170.00			Attorney Docket No.				500.33045CC3	
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METHOD OF PAYMENT (check all that apply)	-	FEE CALCULATION (continued)						
☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None	3. /	ADDITIO						
Deposit Account:	J	Large Entity		Small Entity	,			
Deposit Account Number 01-2135	Fee Code	Fee (\$)	Fee Code	Fee	Fee Descrip	otion	Fee Paid	
Deposit Account Name Antonelli, Terry, Stout & Kraus, LLF		; (4)	Code	(\$)	ree Descri	ouon	ree raiu	
The Commissioner authorized to: (check all that apply)	1051		2051	65	Surcharge – late filing fee or oath			
□ Charge fees indicated below □ Credit any overpayments □ Charge any additional fee(s) during the pendency of this	1052		2052	25	Surcharge – late provisional filing fee or cover sheet			
application	1053		1053	130	Non-English specific	specification		
Charge fees indicated below, except for the filing fee to the above-identified deposit account.	1812	· ·	1812		= -	est for ex parte reexamination		
FEE CALCULATION	1804	920*	1804	920*	Requesting publication of SIR prior to Examination action			
1. BASIC FILING FEE	1805	1,840*	1805	1,840	*Requesting publication Examiner action	equesting publication of SIR after xaminer action		
Large Entity Small Entity Fee Fee Fee Fee Description Fee Paid	1251	110	2251	55	Extension for reply w	ithin first month		
Code (\$) Code (\$)	1252	410	2252	205	Extension for reply w	ithin second mor	nth	
1001 750 2001 375 Utility filing fee 750.00	1253	930	2253	465	Extension for reply w	ithin third month		
1002 330 2002 165 Design filing fee	1254	1,450	2254	725	Extension for reply w	or reply within fourth month		
1003 520 2003 260 Plant filing fee	1255	1,970	2255	985	Extension for reply w	sion for reply within fifth month		
1004 750 2004 375 Reissue filing fee	1401	320	2401	160	Notice of Appeal	tice of Appeal		
1005 160 2005 80 Provisional filing fee	1402		2402	160	Filing a brief in suppo	nt of an appeal		
SUBTOTAL (1) 750.00	1403		2403	140	Request for oral hear	-		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1451		1451		Petition to institute a public use proceeding			
Fee from	1452		2452	55	Petition to revive – unavoidable			
Extra Claims below Fee Paid	1453	•	2453	650	Petition to revive – ur		`	
Total Claims 20 -20** = 0 x 18 = 0	1501 1502	•	2501 2502	650	Utility issue fee (or re	issue)		
Indep. 8 -3** = 5 x 84 = 420 Claims	1502		2502	235 315	Design issue fee Plant issue fee			
Multiple Dependent 0 = 0	1406		1460	130	Petitions to the Com	niccionar		
	1807		1807	50	Processing fee under			
Large Entity Small Entity	1806		1806	180	Submission of Inform	. ,,		
Fee Fee Fee Fee Description Code (\$) Code (\$)	8021		8021	40	Recording each pate	_		
1202 18 2202 9 Claims in excess of 20					property (times numb		•	
1201 84 2201 42 Independent claims in excess of 3	1809	750	2809	375	Filing a submission a (37 CFR § 1.129(a))	a submission after final rejection FR § 1.129(a))		
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each additional in examined (37 CFR §			
1204 84 2204 42 ** Reissue independent claims	1801	750	2801	375	Request for Continue	Continued Examination (RCE)		
over original patent	1802	900	1802	900	Request for expedite	d examination		
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	Othe	r fee (spe	cify)		of a design application	<u>.</u>		
SUBTOTAL (2) \$ 420.00 **or number previously paid, if greater, Por Reissues, see above.							-	
/ Reduced by basic Filing Fee Paid SUBTOTAL (3) (3)								
SUBMITTED BY Complete (if applicable)								
Name (Print/Type) David C. Ogn	ration No ney/Agent			38,694	Telephone	(703) 312-6600		
Signature						D-4-		

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed and application form to the USPTO. Time will year depending upon the individual case. Any complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.